

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Carl W. Podella et al.  
Appl. No. : 10/799,529  
Conf. No. : 8501  
Filed : March 11, 2004  
Title : ALTERING METABOLISM IN  
BIOLOGICAL PROCESSES  
Examiner : Vogel, Nancy S.  
Group Art Unit : 1636

**CERTIFICATE OF ELECTRONIC FILING**

I hereby certify that this correspondence is being sent to the U.S. Patent and Trademark Office for filing through the e-filing portal of EFS-Web on

August 22, 2007

(Date)

/Sam K. Tahmassebi/

Sam K. Tahmassebi, Reg. No. 45,151

**AMENDMENT AND RESPONSE TO OFFICE ACTION**

**Mail Stop Amendment**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Office Action of April 23, 2007, please enter the following amendments and consider the following remarks.

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks** begin on page 7 of this paper.